Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 21 Dec 2021 until 23:59 on Wednesday 22 Dec 2021

Forecast Issued on Monday 20 Dec 2021 at 12:07

Confidence: High pressure and settled conditions will slip away through Wednesday with confidence for details lowering as low pressure approaches.

Headline for Tuesday 21 Dec 2021: A rather cloudy day, but clouds higher than of late with more breaks and some bright or sunny spells, though chilly.

Mountain weather hazards on Tuesday 21 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG						
Fog	Fog	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Cloudy	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Tuesday 21 Dec 2021

Weather: Cloud will tend to lift further overnight and become a little more broken, but there could be a frost or ground frost in some places. Then a chilly, dry but rather cloudy day. Most of the cloud above the tops with some bright or sunny spells, especially in the west, but some low level cloud in the morning, especially over eastern slopes.

Chance of cloud free mountain/hill tops above 600m: 90% or more, but 60 or 70% at first.

Visibility: Generally very good with distant landmarks easily seen, but some fog on slopes between 300 and 500m in the morning, though mainly in east.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 21 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/4 E	3/5 E	3/4 E	4/7 SE	5/8 S	4/8 S	6/10 SE	7/12 S	7/13 S
300	2/4 E	1/3 S	2/4 SE	3/6 SE	5/8 S	3/7 S	3/9 SE	3/11 SE	4/11 SE
Valley	3/4 E	3/5 E	3/5 E	4/7 E	3/5 SE	3/6 E	5/8 E	5/11 E	6/11 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-3	-1/-3	-2/-4	-2/-4	-1/-4	-1/-4	-2/-6	-3/-7	-3/-7
300	1/-0	1/-1	1/-1	0/-1	1/-1	1/-1	-1/-3	-2/-4	-2/-5
Valley	2/1	2/1	2/1	1/-0	3/1	2/1	0/-2	-1/-3	-1/-4
Freezing Level*	400m	300m	300m	200m	300m	300m	100m	100m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chilly, despite light winds, with limited sunshine and a low sun angle.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Dec 2021	0mm	0.2mm	0.4mm

Forecast for Wednesday 22 Dec 2021

Weather: Dry, bright and chilly start but cloud will thicken from west to bring outbreaks of rain by the afternoon, with snow falling on the tops for a time. Rain becoming persistent and rather heavy from mid-afternoon, with extensive hill fog by the evening.

Maximum wind: Southeast 10mph becoming Southerly 25mph by lunchtime and southwest 30 gust 40mph by evening.

Chance of cloud free mountain/hill tops above 600m: 80%, becoming 40% by the afternoon, but little or no chance from mid-afternoon.

Visibility: Very good at first, but moderate occasionally poor in rain in afternoon and poor or very poor in summit snow and with hill fog forming into the afternoon as cloud base lowers to 500m, but down to 200 or 300m from mid-afternoon.

Temperature: **Valleys:** Minus 3 C at first, rising to plus 3 or 4 C in the morning and plus 9 C by the evening
At 600m: Around zero C rising to Plus 4 C in the morning, then plus 8 C later
Freezing level: At all levels at first, but 500m mid-morning and rising above the tops into the afternoon

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